



B.K. BIRLA CENTRE FOR EDUCATION

SARALA BIRLA GROUP OF SCHOOLS
A CBSE DAY-CUM-BOYS' RESIDENTIAL SCHOOL

PERIODIC TEST-1 (2026-27)

MATHEMATICS

SET-1

Class: VI

Date: 16.06.26

Admission no:

Time: 1 hr.

Max Marks: 25

Roll no:

General Instructions:

- This question paper consists of three sections
- Section A consists of multiple-choice questions of 1 mark each. Section B consists of 2 questions and Section C consists of 3-mark questions.
- Attempt all questions. All answers must be correctly numbered as in the question paper and written in the answer sheet.
- Write neatly and draw diagrams wherever necessary.

Section A

Choose the correct answer:

1 x 5 = 5

1. $2 + 4 + 6 + \underline{\quad} + 10 + 12$
(a) 7 (b) 8 (c) 9 (d) 6
2. A _____ polygon has all sides equal but angles may not be equal.
(a) regular (b) irregular (c) straight (d) closed
3. _____ numbers can be arranged in the shape of a triangle.
(a) square (b) triangular (c) even (d) prime
4. An angle greater than 90° but less than 180° is called a _____ angle.
(a) acute (b) right (c) obtuse (d) straight
5. A ray has _____ endpoint(s).
(a) no (b) one (c) two (d) three

Section B

Do as directed

2 x 4 = 8

6. The number 16 is a square number. Draw a dot diagram to show it.
7. Find the sum of the first 5 even numbers. What type of number do you get?
8. What is the measure of an angle that is twice a right angle?
9. Draw and name:
(a) an acute angle
(b) a straight angle

Section C

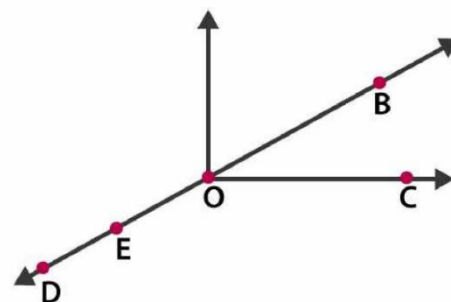
Solve the following

3 x 4 = 12

10. Riya is stacking books in a pyramid shape. The first row has 1 book, the second has 3, the third has 6. If she continues this pattern, how many books will be in the fifth row?

11. By using following figure write

- all the points ,
- A line
- Two rays with initial point O
- Two-line segments



12. Draw angles with the following degree measures:

- 30°
- 90°
- 120°

13. Identify the patterns and write the next three numbers to complete the given patterns.

- 1, 3, 6, 10, 15,,,
- 1, 4, 9, 16, 25,,,
- 1, 8, 27, 64, 125,,,
